

CLAIMS

What is claimed is:

1           1.       A digital camera, comprising:  
2           a photoelement array for acquiring image data;  
3           a menu interface for controlling said digital camera;  
4           a memory for saving said image data;  
5           a processor in communication with said memory;  
6           a control instrument in communication with said processor;  
7           a display in communication with said processor for displaying said image data;  
8                       and  
9           program code stored in said memory and executed by said processor using said  
10                       control instrument for navigating among a plurality of said image data,  
11                       said program code further comprising a menu navigation software  
12                       module for navigating a plurality of menus of said menu interface  
13                       using said control instrument.

1           2.       The digital camera of claim 1, wherein when at least one of said  
2           plurality of menus of said menu interface is activated and displayed on said display,  
3           said control instrument controls selection of at least one of said elements of said  
4           menu.

1           3.       The digital camera of claim 1, wherein when none of said plurality of  
2           menus is active and said image data is stored in said memory, said control instrument  
3           controls navigation among said images stored in said memory.

1           4.     The digital camera of claim 1, wherein said control instrument is a set  
2     of navigational buttons.

1           5.     The digital camera of claim 4, wherein said set of navigational buttons  
2     comprise:

3                 a left navigation button;  
4                 a right navigation button;  
5                 an up navigation button; and  
6                 a down navigation button.

1           6.     The digital camera of claim 5, wherein said left navigation button  
2     deactivates at least one of said plurality of menus which is displayed on said display  
3     when said menu interface is active.

1           7.     The digital camera of claim 5, wherein said up navigation button  
2     distinguishes each said element of said menu sequentially up a list of said menu  
3     elements when said menu interface is active.

1           8.     The digital camera of claim 5, wherein said down navigation button  
2     distinguishes each of said elements of said menu sequentially down a list of said menu  
3     elements when said menu interface is active.

1           9.     The digital camera of claim 5, wherein said up navigation button  
2     navigates among attached images grouped into a logical unit when said menu interface  
3     is not active and an image is displayed which is grouped into said logical unit.

1           10.    The digital camera of claim 9, wherein said up navigation button  
2     displays the previous image grouped into said logical unit.

1           11.    The digital camera of claim 5, wherein said down navigation button  
2     navigates among attached images grouped into a logical unit when said menu interface  
3     is not active and an image is displayed which is grouped into said logical unit.

1           12.    The digital camera of claim 11, wherein said down navigation button  
2     displays the next image grouped into said logical unit

1           13.    The digital camera of claim 5, wherein said left navigation button  
2     navigates among said image data stored in said memory which is not in the current  
3     logically grouped unit.

1           14.    The digital camera of claim 13, wherein said left navigation button  
2     displays the previous logically grouped unit of said image data stored in the previous  
3     contiguous memory location in said memory.

1           15.    The digital camera of claim 5, wherein said right navigation button  
2     navigates among said image data stored in said memory which is not in the current  
3     logically grouped unit.

1           16.     The digital camera of claim 15, wherein said right navigation button  
2     displays the next logically grouped unit of said image data stored in the next  
3     contiguous memory location in said memory.

1           17.     The digital camera of claim 1, further comprising:  
2     means for communicating image data to a remote device.

1           18.     A method for navigating among a plurality of image data using a  
2     digital camera, the method comprising the steps of:  
3     acquiring image data for said digital camera;  
4     saving said image data in a memory;  
5     displaying said image data on a display;  
6     providing a menu interface for navigating a plurality of menus of said menu  
7     interface, said menu interface using program code stored in said  
8     memory and executed by a processor; and  
9     navigating among a plurality of said image data using said menu interface.

1           19.     The method of claim 18, further comprising the step of:  
2     selecting at least one element of said menu when at least one of said plurality  
3     of menus of said menu interface is activated and displayed.

1           20.     The method of claim 18, further comprising the step of:  
2     navigating among said images stored in said memory when none of said  
3     plurality of menus is active and said image data is stored in said memory.

1           21.     The method of claim 18, further comprising the step of:  
2           providing a plurality of navigation buttons, said plurality of navigation buttons  
3           including a left navigation button, a right navigation button, an up navigation button  
4           and a down navigation button.

1           22.     The method of claim 18, further comprising the step of:  
2           communicating image data to a remote device.

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